WHAT IS CLAIMED IS:

- 1 1. A clip comprising a flange larger than a through-
- 2 hole in an attached member, a shank extending from the
- 3 flange at one end of the shank to a predetermined height
- 4 for insertion into the through-hole, a pair of arms
- 5 extending from an opposite end of the shank and hinged
- 6 thereto for rotation relative to the shank, and levers
- 7 extending from bases of respective arms, rotating with the
- 8 arms, and providing spaces with respect to the arms for
- 9 receiving portions of a through-hole section of the
- 10 attached member between the arms and the levers, wherein,
- 11 in an initial posture, the arms extend substantially
- 12 axially of the shank, and the levers extend outwardly of
- 13 the shank to engage one side of the attached member before
- 14 the shank is inserted into the through-hole, and wherein
- 15 when the shank is inserted into the through-hole, the arms
- 16 rotate together with the levers outwardly of the shank from
- 17 the initial posture to an interposed posture at which the
- 18 portions of the through-hole section of the attached member
- 19 are received in the spaces, at which the arms are
- 20 substantially parallel to the flange and in contact with an
- 21 opposite side of the attached member, and the flange is in
- 22 contact with the one side of the attached member.

- 1 2. The clip of claim 1, wherein the arms and levers
- 2 are paired diametrically with respect to the shank.
- 3. The clip of claim 1, wherein the levers are hinged
- 2 at a middle position thereof to allow a tip portion of the
- 3 levers to rotate relative to a base portion of the levers.
- 1 4. The clip of claim 1, wherein each arm has an arm-
- 2 end locking pawl at the base thereof extending towards the
- 3 flange when the arm is in the interposed posture, and
- 4 wherein cooperable flange-end locking pawls are formed on
- 5 the flange or on the shank near the flange to engage the
- 6 arm-end locking pawls and keep the arms in the interposed
- 7 posture.
- 1 5. The clip of claim 1, wherein a protrusion is
- 2 formed on each arm protruding a fixed height from the
- 3 opposite end of the shank when the arm is in the interposed
- 4 posture, and wherein a force to engage each arm-end locking
- 5 pawl with the cooperable flange-end locking pawl is
- 6 obtained from pressure on the protrusions.

- 1 6. The clip of claim 1, wherein the shank and the
- 2 arms are connected by breakable thin webs for reliably
- 3 keeping the arms and levers in the initial posture.
- 7. The clip of claim 4, wherein the arm-end locking
- 2 pawls and the flange are connected by breakable thin webs
- 3 for reliably keeping the arms and levers in the initial
- 4 posture.
- 1 8. The clip of claim 1, wherein boundary surfaces of
- 2 the spaces between the arms and the levers contact curved
- 3 boundary surface portions of the through-hole of the
- 4 attached member and are similarly curved.
- 1 9. The clip of claim 1, wherein the shank has a
- 2 hollow section to accommodate a threaded stud, and wherein
- 3 the hollow section has a pawl for engaging the threaded
- 4 stud.
- 1 10. The clip of claim 1, wherein the shank has a
- 2 hollow section to accommodate a rod-shaped object such as a
- 3 stud or bolt, and wherein the hollow section is devoid of a
- 4 pawl.

- 1 11. A clip for attachment to a sheet member via a
- 2 through-hole in the sheet member, comprising:
- a shank having at one end a flange to be disposed at
- 4 one side of the sheet member against a through-hole section
- 5 of the sheet member, the shank having cross-dimensions
- 6 parallel to the flange and having an axial length
- 7 perpendicular to the flange to permit the shank to be
- 8 inserted through the through-hole in the sheet member from
- 9 an initial posture to an interposed posture;
- 10 a pair of arms hinged to an end of the shank opposite
- 11 to the flange and projecting substantially axially of the
- 12 shank in the initial posture for insertion into the
- 13 through-hole in advance of the shank; and
- 14 a pair of levers attached to respective arms at base
- 15 portions thereof and projecting outwardly from said
- 16 opposite end of the shank in the initial posture for
- 17 engagement with said one side of the sheet member,
- wherein the construction of the clip is such that as
- 19 the shank is inserted into the through-hole, the arms and
- 20 the levers rotate outwardly of the shank to the interposed
- 21 posture, at which the arms contact a side of the sheet
- 22 member opposite to said one side, the levers contact said

- 23 one side of the sheet member, portions of the through-hole
- 24 section are received in spaces between the arms and the
- 25 respective levers, and the flange contacts the levers and
- 26 said one side of the sheet member.
 - 1 12. A clip according to claim 11, wherein each arm
 - 2 and a portion of the flange or a portion of the flange end
 - 3 of the shank have cooperable pawls that engage one another
 - 4 to maintain the interposed posture.
- 1 13. A clip according to claim 11, wherein each lever
- 2 has a hinge at a middle portion so that a tip portion of
- 3 the lever can bend relative to a base portion of the lever
- 4 when the tip portion engages said one side of the sheet
- 5 member.
- 1 14. A clip according to claim 11, wherein each arm
- 2 has a protrusion that faces away from the sheet member in
- 3 the interposed posture.
- 1 15. A clip according to claim 11, wherein the shank
- 2 has a hollow section for receiving a stud therein.

- 1 16. A clip according to claim 15, wherein the shank
- 2 has at least one pawl inside the hollow section for
- 3 engaging a threaded stud.
- 1 17. A clip according to claim 11, wherein each arm
- 2 has a breakable element for maintaining the initial posture
- 3 of the arm.